WAGE RATE COMMITTEE Purdue University Tippecanoe County

Thursday, December 13, 2007 10:30 a.m. EST Visitor Information Center Conference Room West Lafayette, Indiana

Establish Common Construction Wage for the following projects:

Building Rates

- 1. Aerospace Science Lab Roof Repair

 Recoat the entire roof with elastomeric coating roofing system.
- 2. AGAD The Steve and Sandra Hageman Center for Student Achievement and Leadership

Renovate 5000 square feet on the first floor of the Agricultural Administration Building to accommodate the Offices of Academic Programs and the The Steve and Sandra Hageman Center for Student Achievement and Leadership.

3. Campus-Wide Chilled Water and Steam Condensate Utility Meter Installations Phase I, Part 1

Install owner-furnished metering equipment for chilled water, electric and steam condensation in selected buildings across campus.

- 4. Cary Quadrangle West Masonry Restoration

 Make the exterior masonry envelope weather-tight and correct deficiencies that have contributed to various masonry failures.
- 5. Coal Building Addition

Construct a concrete building addition to the Coal Building to house men's and women's locker rooms, showers, restrooms, multi-function break room and a small office area. Approximate size of addition will be $20' \times 30'$ to $30' \times 30'$

6. DeMent Fire Station Furnace Replacement and HVAC Installation Replace furnaces and install positive pressure system. Replace old temperature control panels and install HVAC in bunk area.

7. Freehafer Hall, Engineering Administration Building and Life Science Ranges Mechanical Upgrades

FREH: Replace the cooling coil section in Air handling unit FR 03 located in the basement of the building. FR03 serves the north 2/3rds of the first floor. The work to include piping, coil section with all SS internals, integration with existing controls, reconnection to existing fan and duct sections.

ENAD: Replace the existing 2,000 cfm air handling unit, EN03 that serves the northeast quadrant of the first floor of this building. LSR: Replace steam radiation and control valves in green houses 1 thru 12.

- 8. Freehafer Hall Transformer Replacements
 Replace power and lighting transformers and secondary bus.
- 9. Haas Hall Telecommunications Upgrade

 Upgrade the entire building telecommunications wiring and systems to the campus standard. Remove all old cabling and associated devices.
- 10. Hansen Life Sciences Center Laboratory Rooms 201, 203 and 250 Renovations Renovate existing laboratory space within rooms 201, 203, and 205 to create flexible, modern Biochemical Laboratory areas.
- 11. Harrison Street Aerial Line Relocation
 Relocate four 2.4 Kv Purdue overhead pow

Relocate four 2.4 Kv Purdue overhead power lines to an underground Ductbank from the South Campus Substation to the junction of Nimitz and Arnold Drives. Associated telecommunication and television cables sharing these same poles also shall be relocated.

- 12. Heine Pharmacy Building Room 416 Laboratory Renovation

 Renovate class laboratory space to improve safety and improve functionality.
- 13. Hicks Undergraduate Library Mezzanine Repair

Provide construction document for the masonry and roof repairs for the mezzanine of the HIKS Library. This will include a feasibility study for the redesign of the underground roof structure and drainage system of the entire facility – study will be submitted November 2008.

- 14. Hillenbrand Hall Metal Roof Repainting

 Paint standing seam metal roof areas of Hillenbrand Hall.
- 15. Hillenbrand Hall Residence Hall Kitchen Flooring Replacement
 Replace the existing seamless membrane commercial kitchen flooring in
 Hillenbrand Residence Hall and install new quarry tile flooring.

- 16. Horticulture Greenhouse Lab Remodel Remodel lab rooms 1105 and 1109 in the Horticulture Greenhouse.
- 17. Johnson Hall of Nursing Masonry Restoration

 Make the exterior masonry envelope weather-tight and correct deficiencies that have contributed to various masonry failures.
- 18. Johnson Hall of Nursing VAV Box Replacement Phase II

 Remove and replace remaining VAV boxes in Johnson Hall not covered in phase one work during the summer of 2007. Work to include associated piping and controls. Remove and replace seven cabinet heaters in facility.
- 19. Krannert Building Air Handling Unit Replacements

 Replace antiquated air handling units in the penthouse of Krannert with

 new modernized air handling units.
- 20. Krannert Building Ground Floor Classroom Renovations

 This project involves the renovation of six classrooms in the Krannert
 Building. The room numbers are G2, G4, B10, B12, G18 and G20. The
 overall intent is to provide new lighting and lighting controls, new seating,
 new work surfaces and new speaker system. Investigate replacing the
 chalkboard. Provide infrastructure for overhead data/video projector and
 other classroom technology. Provide power to seat/table locations.
 Remove and replace wall carpet/acoustical treatments and paint and
 generally give a "face lift" to each room.
- 21. Krannert Building Roof Replacement

 Replace the existing roof membrane with a new modified bitumen

 membrane roofing system.
- 22. Lilly Hall Rooms 2127 and 2128 Lab Renovation Renovate lab in rooms 2127 and 2128 of Lilly Hall.
- 23. Lilly Hall West Wing Laboratory Renovations Phase V

 This project will resume the renovation of west wing of Lilly Hall. This phased project will renovate the remainder of the west wing including the labs and offices, corridors, restrooms, and stairwells. Supply air and exhaust air systems also will be upgraded with each phase.
- 24. Lilly Hall Window Well Repairs

 Provide 'truss' bracing at the top of the southern window well retaining wall to support wall and new grating system. Design should include the repair of existing struts supporting the existing wall, and the installation of wheel stops for automobile parking. Existing guardrail shall be removed and not replaced.

25. Lynn Hall of Veterinary Medicine Masonry Restoration

Make the 3exterior masonry envelope weather-tight and correct deficiencies that have contributed to various masonry failures.

26. Math Building Transformer Upgrade

This project will upgrade the transformer in response to the extension of power to the rooftop for cell phone vendor equipment and antennas. The existing dry type 750va transformer will be replaced with a new 1000KVA one.

27. Matthews Hall Roof Replacement

Replace the existing roof membrane with a new modified bitumen membrane roofing system.

28. McCutcheon Hall Fire Protection and A/C Phase $VI-South\ Wing\ Sprinkler,\ A/C,\ Fire\ Alarm$

Installation of sprinklers, air conditioning, and fire alarms to the south wing of McCutcheon Hall.

29. Owen Hall AC1-1 Replacement

Remove and replace existing AC1-1 in room C-125. This will include both, a new AHU and water cooled condensing unit. Provide all required ductwork and coordinate controls with Purdue University.

- 30. Potter Engineering Center VAV Box Replacement Phase II

 Remove and replace existing moduline VAV boxes with new VAV boxes
 with re-heat as outlined per feasibility study conducted by R.E. Dimond
 and Associates, Inc. for the Phase II work. Work shall include all
 necessary piping and coordinate controls with Purdue University.
- 31. Purdue Memorial Union Air Handling Unit ACA-11 Replacement & Expansion Replace air handling unit ACA-11 and expand HVAC service to 280, 284, 286, 288 and West Tower radio room.
- 32. Purdue Memorial Union Dining Rooms G40 and G50 Renovation

 Provide labor and materials to remove existing raised floor area in G-40 and G-50. Clean and patch terrazzo floor and plaster walls as needed.

 Add outdoor outlets and install new light fixtures with dimming capability. Remove and install new adjustable stage lighting in G-40. Install permanent components of a sound system in G-40, conceal the sprinkler system piping and remove the artificial beams.
- 33. Purdue Village Window Replacement Phase III

 Install new fiberglass replacement windows in all existing window opening of building 201, 202, 203, 204 and 205 of Purdue Village Apartments.

- 34. PUSH Center 2nd and 3rd Floor HVAC Renovation Phase IV

 Provide and energy efficient heating, ventilation and air conditioning system for the second and third floors of the building.
- 35. Recreational Sports Center Racquetball Courts 1-16 Air Conditioning Improvements

Project includes changing to a campus chilled water supply in-lieu of the existing direct expansion units which have been malfunctioning and require extensive replacement of components.

- 36. Shreve Hall East Wing Passenger Elevator Modernization

 Comprehensive modernization of east wing passenger elevators to include the replacement of the driving machines/governors/controls/fixtures/doors and equipment/door operators/rope brakes and other components as needed.
- 37. Stewart Center Room B90 AHU Renovation *Replace deteriorated air conditioning unit.*
- 38. Stewart Center West Entry Door Replacement

 Replace the aluminum entry doors on the west end of Stewart Center.
- 39. Stone Hall Anthropology Department Main Office Renovation Renovate main office complex, supply room and four or more faculty offices. Include HVAC, etc. for each space.
- 40. Wade Utility Plant Boiler #5 Alternate Fuel Transport System

 Purchase and install equipment to receive and transfer combustible

 products, primarily switch grass, into Wade Boiler #5. Project will

 require a temporary arrangement of equipment suitable to conduct a testburn of approximately 20 tons of switch grass.
- 41. Wade Utility Plant Motor Control Center O Replacement *MCC-O is a significant safety hazard to operate and must be eliminated.*
- 42. Wetherill High Voltage Improvements

 Perform engineering and construction to upgrade vault at Wetherill.
- 43. Wetherill Laboratory of Chemistry Electrical Upgrade

 This is the first phase of a project that will replace and upgrade building secondary electrical switchgear and feeders to building distribution panels, and replace and add electrical distribution panels throughout the building as necessary.

44. Wetherill Lecture Room 200 Renovation - Phase II

This project will provide the balance of renovations that were not included previously. This will include new seating, AV upgrades, new demonstration tables, new wall acoustics, balcony rails, walkway rails and a general face lift to the entire room.

45. Wetherill Steam Autoclave Installations

Install two new autoclaves in Wetherill. Project includes establishment of new autoclave equipment area in SE corner of Room 27 with new entry through existing wall between Room 27 and Room 16, Project includes water and drainage, ventilation, and electrical supplies to support this new equipment.

46. Windsor Residence Halls Renovation Phase II – Duhme Hall

Renovate Duhme Hall by upgrading all facets of the building. This work will include fire protection and accessibility; upgrading, restoring or replacing architectural finishes; repairing historical architectural elements replacing and enlarging the passenger elevator; replacing all existing electrical and mechanical systems and add air conditioning throughout.

47. Wood Street Parking Garage Repairs and Waterproofing

Complete seismic-related modifications, concrete repairs to surfaces of structural members, extensive waterproofing work, repair of joint between adjacent pre-cast elements and repair of damaged expansion joints.

48. Zucrow Labs ZL1-ZL4 Masonry Restoration

Make the exterior masonry envelope weather-tight and correct deficiencies that have contributed to various masonry failures.

COMMON CONSTRUCTION WAGE SCALE

Date: December 13, 2007

City: West Lafayette

County: Tippecanoe

Project Description and Scope: Purdue University (see attached listing)

We the undersigned common construction wage committee, appointed pursuant to Indiana Code 5-16-7 et seq., do hereby fix and determine the following common construction wage scale to apply on the above referenced project.

COMMERCIAL BUILDING

Classification	Class	Hourly Rate	Fringes	Total:
Asbestos Workers/				
Mechanical Insulators	Skilled	\$28.90	\$12.49	\$41.39
	Semiskilled	\$17.72	\$7.37	\$25.09
	Unskilled	\$12.66	\$7.10	\$19.76
Asbestos Workers/				
Asbestos Abatement	Skilled	\$19.68	\$9.28	\$28.96
	Semiskilled	N/A	N/A	N/A
	Unskilled	N/A	N/A	N/A
Boilermakers				
	Skilled	\$32.00	\$17.96	\$49.96
	Semiskilled	\$25.60	\$17.96	\$43.56
	Unskilled	\$19.20	\$17.96	\$37.16
Bricklayers				
	Skilled	\$26.00	\$11.54	\$37.54
	Semiskilled	\$20.80	\$11.54	\$32.34
	Unskilled	\$15.60	\$11.54	\$27.14
Carpenters				
our powers	Skilled	\$23.99	\$12.26	\$36.25
	Semiskilled	\$19.20	\$12.26	\$31.46
	Unskilled	\$14.40	\$12.26	\$26.66
Carpet Layers				
our por Eugoro	Skilled	\$23.99	\$12.26	\$36.25
	Semiskilled	\$19.19	\$12.26	\$31.45
	Unskilled	\$14.39	\$12.26	\$26.65
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Cement Masons		t-	r	
	Skilled	\$23.85	\$9.76	\$33.61
	Semiskilled	\$19.08	\$9.76	\$28.84
	Unskilled	\$14.31	\$9.76	\$24.07
Drywall Finishers				
	Skilled	\$22.87	\$10.15	\$33.02
	Semiskilled	\$16.01	\$10.15	\$26.16
	Unskilled	\$11.44	\$10.15	\$21.59
Drywall Installers				
	Skilled	\$23.99	\$12.26	\$36.25
	Semiskilled	\$19.19	\$12.26	\$31.45
	Unskilled	\$14.39	\$12.26	\$26.65
Electricians				
	Skilled	\$28.49	\$11.99	\$40.48
	Semiskilled	\$17.09	\$11.99	\$29.08
	Unskilled	\$11.40	\$6.01	\$17.41
Elevator Constructors	i.			
	Skilled	\$35.530	\$19.790	\$55.32
	Semiskilled	\$24.88	\$16.50	\$41.38
	Unskilled	\$19.55	\$16.19	\$35.74
Glaziers				
	Skilled	\$25.58	\$10.13	\$35.71
	Semiskilled	\$17.91	\$8.69	\$26.60
	Unskilled	\$12.79	\$7.73	\$20.52
Iron Workers				
	Skilled	\$24.04	\$15.33	\$39.37
	Semiskilled	\$19.23	\$15.33	\$33.27
	Unskilled	\$14.42	\$15.33	\$28.57
Laborers	C1-:11 - J	Φ20.10	Φ0.20	
Laborers	Skilled	\$20.18	\$9.28	\$29.46
	Semiskilled	\$19.68	\$9.28	\$28.96
	Unskilled	\$19.18	\$9.28	\$28.46
Mechanical Insulators	Chilled	#30 00	010 40	.
	Skilled Semiskilled	\$28.90	\$12.49	\$41.39
	Unskilled	\$17.72 \$12.66	\$7.37	\$25.09
	Onskilled	\$12.66	\$7.10	\$19.76

Millwrights				
	Skilled	\$24.21	\$12.49	\$36.70
	Semiskilled	\$19.36	\$12.49	\$31.85
	Unskilled	\$14.53	\$12.49	\$27.02
Operating Enginee	ers			
	Skilled	\$27.76	\$10.67	\$38.43
	Semiskilled	\$24.98	\$10.67	\$35.65
	Unskilled	\$20.82	\$10.67	\$31.49
Painters/Brush/Ro	11			
	Skilled	\$22.82	\$10.15	\$32.97
	Semiskilled	\$15.98	\$10.15	\$26.13
	Unskilled	\$11.41	\$10.15	\$21.56
Painters/Spray/San				
	Skilled	\$23.82	\$10.15	\$33.97
	Semiskilled	\$16.68	\$10.15	\$26.83
	Unskilled	\$11.91	\$10.15	\$22.06
Paperhanger	G1 *** 1			
	Skilled	\$22.82	\$10.15	\$32.97
	Semiskilled	\$15.98	\$10.15	\$26.13
	Unskilled	\$11.41	\$10.15	\$21.56
Pipefitters & Steam				
	Skilled	\$29.41	\$12.09	\$41.50
	Semiskilled	\$17.65	\$12.09	\$29.74
	Unskilled	\$14.71	\$5.65	\$20.36
Plasters	GI III I			
	Skilled	\$24.31	\$10.11	\$34.42
	Semiskilled	\$19.45	\$10.11	\$29.56
	Unskilled	\$14.59	\$10.11	\$24.70
Plumbers	a			
	Skilled	\$29.41	\$12.09	\$41.50
	Semiskilled	\$17.65	\$12.09	\$29.74
	Unskilled	\$14.71	\$5.65	\$20.36
Pointer/Caulker/Cle				
	Skilled	\$26.00	\$11.54	\$37.54
	Semiskilled	\$20.80	\$11.54	\$32.34
	Unskilled	\$15.60	\$11.54	\$27.14

Roofers			t.	
Rooters	Skilled	\$22.53	\$8.15	\$30.68
	Semiskilled	\$15.77	\$5.55	\$21.32
	Unskilled	\$11.27	\$2.35	\$13.62
	Oliskined	Ψ11.27	Ψ2.33	\$15.02
Sheet Metal Workers				
	Skilled	\$28.29	\$15.19	\$43.48
	Semiskilled	\$18.39	\$12.41	\$30.80
	Unskilled	\$14.15	\$11.01	\$25.16
Sound and Communica	ation			
Workers				
	Skilled	\$28.49	\$11.99	\$40.48
	Semiskilled	\$17.66	\$9.48	\$27.14
	Unskilled	\$11.40	\$7.94	\$19.34
Sprinkler Fitters				
F	Skilled	\$32.19	\$13.00	\$45.19
	Semiskilled	\$22.53	\$13.00	\$35.53
	Unskilled	\$16.10	\$7.06	\$23.16
Stone Masons				
Stone Wassins	Skilled	\$25.25	\$10.99	\$36.24
	Semiskilled	\$20.20	\$10.99	\$31.19
	Unskilled	\$12.63	\$10.99	\$23.62
Teamsters	Skilled	\$20.66	225.00 per wk	insurance
	Semiskilled	N/A	91.80 per wk	
	Unskilled	N/A	N/A	N/A
Technical Engineers				
Temment Engineers	Skilled	\$23.99	\$12.26	\$36.25
	Semiskilled	N/A	N/A	\$30.23 N/A
	Unskilled	N/A	N/A	N/A
Tile & Marble Setters				
The & Marble Setters	Skilled	\$28.81	\$8.53	\$37.34
	Semiskilled	\$25.93	\$8.53	\$37.3 4 \$34.46
	Unskilled	\$12.96	\$8.53	\$34.40 \$21.49
Terrazzo Workers				
TEFFAZZO WOFKERS	Skilled	\$29.39	\$8.63	\$29.03
	Semiskilled	\$29.39 \$26.45	\$8.63	\$38.02
	Unskilled			\$35.08
	OHSKIHEU	\$13.23	\$8.63	\$21.86

Terrazzo Helpers/Finishers

	Skilled	\$21.54	\$5.20	\$26.74
	Semiskilled	\$18.84	\$5.20	\$24.04
	Unskilled	\$11.73	\$5.20	\$16.93
Tile& Marble Helper	s/Finishers			
	Skilled	\$19.71	\$5.21	\$24.92
	Semiskilled	\$17.86	\$5.21	\$23.07
	Unskilled	\$11.73	\$5.21	\$16.94

[Add classifications as required by the project]

Definitions:

<u>Skilled</u>: An individual who performs work in a classification listed on the scale of wages. It shall be presumed that an employee is a skilled worker in that classification, and entitled to receive compensation at the skilled rate, unless the worker satisfies all of the criteria for being categorized as a semi-skilled or unskilled worker.

<u>Semi-skilled</u>: An individual registered in a bona fide apprenticeship program registered with the United States Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training. Apprentices are paid pursuant to their individually warranted percentage for the classification of work that they perform as set forth in the apprentice program standards.

<u>Unskilled</u>: An individual with less than twelve months of cumulative experience in the construction trades and who is not registered in a bona fide apprenticeship program.

The above definitions shall not apply to workers in the classification of Laborer.

Apprenticeship Programs:

The Wage Committee determines that the common practice in the county is for contractors to participate in bona fide apprenticeship programs registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training and that the rate of pay for the classifications of labor that participate in such programs is based in part on a percentage of the journeyman's rate (skilled rate herein) depending on the individual's progress in the program.

Workers engaged in such an apprenticeship program will be permitted to work at less than the predetermined rate set out above for the work they perform. Such apprentices must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate which is the skilled hourly rate in this wage scale.

Any worker who is not registered or otherwise employed in a bona fide apprenticeship program registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training and has twelve or more months of cumulative experience in the construction trades shall be paid at the skilled wage rate on this wage determination for the classification of work actually performed by the worker regardless of how the employer classifies such a worker.

Disputes regarding the appropriate classification of workers and the amounts said workers should be paid may be submitted to the Indiana Department of Labor for investigation.

Indiana State AFL-CIO Representative

Awarding Agency Representative

Governor's Representative

Taxpayer Named by Appointing Agency

Taxpayer Named by County Ligislative

Date

12/13/2007

Body

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